

## New England Biolabs Certificate of Analysis

Product Name: *phi29-XT WGA Kit*  
 Catalog Number: *E1604S*  
 Packaging Lot Number: *10240512*  
 Expiration Date: *03/2026*  
 Storage Temperature: *-20°C*  
 Specification Version: *PS-E1604S/L v1.0*

Assay Name/Specification	Lot # 10240512
<p><b>* Individual Product Component Note</b>            Standard Quality Control Tests are performed for each component included in phi29-XT WGA Kit and meet the designated specifications.</p>	<b>Pass</b>
<p><b>Functional Testing (WGA DNA Amplification)</b>            A 20 µl whole genome amplification (WGA) reaction in 1X phi29-XT Reaction Buffer for WGA with 1X phi29-XT DNA Polymerase for WGA and 50 µM Exonuclease-Resistant Random Primers generates at least 5 µg DNA from 0.1 ng human genomic DNA after incubation for 1.5 hours at 42°C.</p>	<b>Pass</b>

This product has been tested and shown to be in compliance with all specifications.

One or more products referenced in this document may be covered by a 3rd-party trademark. Please visit [www.neb.com/trademarks](http://www.neb.com/trademarks) for additional information.



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16 May 2024



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30 May 2024